

Marshall Space Flight Center

Integral to NASA's Future - 48 Years of Providing America's Space Solutions

Our Property

- Center occupies 1,841 acres of property within the 38,000 acre perimeter of the Redstone Arsenal in Huntsville, Alabama
- Adjacent to Cummings Research Park; the University of Alabama, Huntsville; and the U.S. Space and Rocket Center

Our Staff

 The Center employs about 6,500 people onsite (~2,500 Civil Service and 4,000 contractors)



Our Space

 The Center occupies 237 buildings and structures that occupy 4.5 million square feet of technical and office space

Our Impact: Budget of \$2.2B/year



MSFC's Product Lines/Competencies

Our Product Lines Are Integral to NASA's Mission & Enabling Exploration

Space
Transportation
& Propulsion
Systems





Scientific Spacecraft Instruments & Research

Advanced Materials & Manufacturing Processes

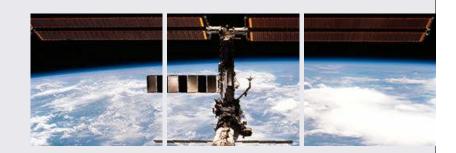
Space Systems
Development & Integration



MSFC Focus on Shuttle & Station

Space Shuttle – >27 years of flight

External tank
Main engines
Reusable solid rocket boosters
Reusable solid rocket motors



International Space Station >8 years of habitation

Payload Operations Center – Science management
Node 2 (connector module) & Node 3 (life support module)
Multi-Purpose Logistic Modules
Environmental Control & Life Support Systems
Microgravity Science Glovebox
Space Station Materials Science Research Rack





MSFC 24-Month Competitive Acquisition Forecast

POP Expires	Incumbent	Title	Est. \$	Anticipated Competition	RFP Release
N/A (new)	N/A	Ares V Phase 1 Contracts	\$350M	Full & Open	December 2008
11/30/2009	SAIC, Inc.	NASA Integrated Communication Systems	\$750M	Full & Open	February 2009
11/30/2009	SAIC, Inc.	Marshall Information Technology Services	\$300M	TBD	February 2009
11/30/2009	SAIC, Inc.	Enterprise Application Service Technologies	\$250M	Full and Open	February 2009
03/31/2010	SEI Group	Facilities Engineering Design Services	\$20M	SBA 8(a) Competition	October 2009



MSFC 24-Month Competitive Acquisition Forecast (Cont.)

POP Expires	Incumbent	Title	Est. \$	Anticipated Competition	RFP Release
09/08/2010	Great Southern Engineering	Environmental Engineering Services	\$25M (not to exceed)	A&E SB Set- Aside	February 2010
09/30/2010	Digital Fusion Solutions, Inc.	Acquisition and Business Support Services	\$50M	TBD	Not Later Than January 2010
10/14/2010	Jacobs Technology	Engineering, Scientific, and Technical Services	\$750M	Full & Open	Not Later Than November 2009
11/30/2010	CH2M Hill	Environmental Engineering Services	\$25M (not to exceed)	A&E SB Full & Open	March 2010



Project Constellation



Ares I Contract Awards

PROGRAM	COMPETITION	CONTRACT#	AWARD RECIPIENT(S)
First Stage	Sole Source	NNM07AA75C	ATK Launch Systems
First Stage Roll & Control Engine Thrusters	Unrestricted	NNM07AA83C	Aerojet
Upper Stage Instrument Unit Avionics	Unrestricted	NNM08AA16C	The Boeing Company
J2-X Engine	Unrestricted	NNM06AB13C	Pratt & Whitney Rocketdyne
Upper Stage Production	Unrestricted	NNM07AB03C	The Boeing Company
Upper Stage Pre-Valves	Unrestricted	NNM07AA86C- Moog NNM07AA87C-Vacco	Moog, Inc. Vacco Industries
Upper Stage Vent & Relief Valves	Unrestricted	NNM07AA91C	Vacco Industries



Ares V Future Acquisitions

- Earth Departure Stage
- Earth Departure Stage J-2X Engine
- Core Stage
- Core Stage Solid Rocket Boosters
- RS-68 Engine (cluster of five)
- Shroud
- System Integration



MSFC Initiatives

- Procurement Small Business Action Team
- Marshall Prime Contractor Supplier Council
- Marshall Small Business Alliance
- MSFC Small Business Coordinators
- MSFC Joint Counseling

MSFC FY2009 Highlights

- 8(a) award of the Marshall Engineering Trade & Technical Support contract to InfoPro
- 8(a) award of the MSFC Administrative Services contract to Deltha Critique
- Issuance of 5 8(a) IDIQ contracts
- Issuance of 11 construction IDIQs to small businesses
- Recompete of the MSFC Occupational Medicine and Environmental Health Services as an SB set-aside
- Issuance of 12 SEP BPAs to small businesses
- MSFC FY2008 Industry & Advocates Awards Ceremony



Doing Business with the George C. Marshall Space Flight Center Web Site

http://ec.msfc.nasa.gov/msfc/doin_bus.html



MSFC Small Business Program Contacts

CONTACT	TITLE	EMAIL	PHONE
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Stefanie Funghi	Digital Fusion Contractor Support	Stefanie.m.funghi@nasa.gov	256-544-6263
Lynn Garrison	Small Business Technical Advisor	Virginia.l.garrison@nasa.gov	256-544-6719





Center Overview

- Mission Directorates that KSC supports
 - Exploration Systems Mission Directorate (ESMD)
 - Space Operations Mission Directorate (SOMD)
 - Science Mission Directorate (SMD)
- Major projects under Mission Directorates
 - Exploration Systems Mission Directorate (ESMD)
 - Construction of Lightning Protection
 - Construction of Constellation Ares I Mobile Launcher
 - KSC Ground Operations Project Office Project Management Services (KLXS)
 - Pad B Emergency Egress Construction
 - VAB Platforms Construction
 - Advanced Capabilities (LSP)
 - Space Operations Mission Directorate (SOMD)
 - Constellation Ground Operations Services
 - Space Shuttle Program
 - ISS Checkout Assembly & Payload Processing (CAPPS)
 - LSP NASA Launch Services (Expendable Launch Services) SOMD/SMD
 - Science Mission Directorate (SMD)
 - Astrophysics
 - Heliophysics
 - Planetary Science
 - Earth Science



Recurring and Future Contracts

- Recurring (Re-competing) Work
 - ➤ NASA Launch Services (NLS) Contract synopsis issued every 6 months (Feb and Aug) that provides for on-ramping new launch service providers and for incumbent providers to introduce qualified launch vehicles previously not available.
- Future Work
 - ➤ NLS Launch Service Task Order Competition (LSTO)
 - ➤ NuSTAR LSTO (Proposals currently under evaluation)
 - ➤ Quad LSTO (Proposals currently under evaluation)
 - ➤ NLS Follow-on contracts (Developing Procurement Strategy)
 - ➤ Constellation Ground Processing Services
 - ➤ PDT formed Oct. 2008
 - ➤ Award planned for Apr. 2010
 - ➤ Pad B Emergency Egress Construction Design in progress
 - ➤ VAB Platforms Construction Design in progress



Doing Business with Businesses

- Doing business with Small Business
 - > Issues and Concerns
 - ➤ Acquisition Plans/Forecasts Continuing challenge to ensure Mission Directorates adequately consider small business in their acquisition strategy (i.e., market research, sole source justification)
 - ➤ How Centers feel/deal with Small Business JVs and Teaming
 - ➤ Mentor Protégé Joint Venture (MESC)
 - Address Past Performance issues None
- Doing business with Large Business
 - ➤ Issue and Concerns
 - ➤ Currently have a limited number of large businesses providing launch services. More providers would foster competition among the incumbent launch service providers



Center Specific Issues, Initiatives, and Highlights

- List/discuss Center specific issues, initiatives, and highlights relative to Small Business
 - KSC strategy to debundle the Joint Base Operations and Support Contract (J-BOSC) increased the number of contracts awarded to small businesses
 - Abacus (IMCS)
 - Innovative Health Applications (MESC)
 - Government Contracting Resources Inc (Mail Distribution)
 - S C Jones (Grounds and Pest Control)
 - ISC subcontracting goal 35%
 - KSC top-level Management is committed to the small business program, demonstrated by their support of small business goals and participation in various small business events
 - KSC Small Business Industry Day
 - KSC Joint Counseling
 - KSC Business Opportunities EXPO
 - KSC has small business goal achievement as a rating element for the Center Director, Procurement Director, and all 1102 personnel



Contact Us

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 Kennedy Space Center

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